



MAGNITUDE 7
Metals

Magnitude 7 Metals, LLC.

P.O. Box 395
391 St. Jude Industrial Park
Marston, MO 63866
Tel (573) 643-0023
Fax (573) 643-0016

RECEIVED

OCT 04 2019

AWMD/APCO

September 27, 2019

EPA Region VII
Missouri Air Compliance Coordinator
11201 Renner Blvd
Lenexa, KS 66219

CERTIFIED MAIL #7011 2000 0002 1115 9053

Air Pollution Control Program
Enforcement Section Chief
P.O. Box 176
Jefferson City, MO 65102

CERTIFIED MAIL #7011 2000 0002 1115 9060

RE: SEMI-ANNUAL MONITORING REPORT FOR MAGNITUDE 7 METALS, LLC

Attached are the semi-annual monitoring reports for Magnitude 7 Metals LLC operating permits. Magnitude 7 has four separate operating permits as follows:

1. OP2001032
2. OP2001033
3. OP2001-062
4. OP2001-066

If you have any questions, or need additional information, you can contact me or Matt Shannon at (573) 643-0023.

Sincerely,

Don Backfisch
Environmental Director

Enclosure

CC: C. Reali



MISSOURI DEPARTMENT OF NATURAL RESOURCES
AIR POLLUTION CONTROL PROGRAM

PART 70 OPERATING PERMIT COMPLIANCE AND MONITORING REPORT

FIPS NO. 143		PLANT NO. 0008	
INSTALLATION NAME Magnitude 7 Metals LLC			
INSTALLATION LOCATION (STREET ADDRESS AND CITY) 391 St. Jude Industrial Park, P.O. Box 395, Marston, MO 63866			
OPERATING PERMIT NUMBER OP2001-032		DATE OPERATING PERMIT ISSUED 4/15/2001	
TYPE OF REPORT <input type="checkbox"/> Annual Compliance Certification <input checked="" type="checkbox"/> Semi-Annual Monitoring Report <input type="checkbox"/> Exceedance Report			
If Annual Compliance Certification, is the Annual Compliance Certification being submitted to also fulfill the reporting requirements for the Semi-Annual Monitoring Report? <input type="checkbox"/> YES <input type="checkbox"/> NO			
REPORTING PERIOD START DATE 01/01/2019		REPORTING PERIOD END DATE 06/30/2019	
	RESPONSIBLE OFFICIAL		PERMIT CONTACT PERSON
Name	Charles Reali		Don Backfisch
Title	CEO		Environmental Director
Mailing Address	P.O. Box 395 Marston, MO 63866		P.O. Box 395 Marston, MO 63866
Telephone Number with Area Code	573-643-0023		573-643-0023
Has the above information changed since the issuance of the operating permit? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
CERTIFICATION STATEMENT			
I certify, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate and complete.*			
SIGNATURE OF RESPONSIBLE OFFICIAL 		DATE SIGNED 9-27-19	
PRINT NAME OF RESPONSIBLE OFFICIAL Charles Reali			
*This certification means that the signatory has verified compliance with all applicable regulations and operating permit conditions, and that the installation has complied with all monitoring, record keeping, reporting and testing conditions specified in the operating permit unless specified differently in a deviations report. For information concerning administrative and civil penalties, consult Section 643.085 of the Revised Statutes of the State of Missouri (RSMo) and Section 643.151 RSMo, respectively.			
PART 2 DEVIATION INQUIRY			
FIPS NO. 143		PLANT NO. 0008	
INSTALLATION NAME Magnitude 7 Metals LLC			

1 January 2019 through 30 June 2019

Did the installation experience any deviations during the reporting period from the plant-wide permit conditions?

2. EMISSION UNIT PERMIT CONDITIONS

☐ YES ☒ NO

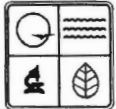
Did the installation experience any deviations during the reporting period from the core permit conditions?

4. GENERAL PERMIT REQUIREMENTS

☐ YES ☒ NO

5. CURRENT COMPLIANCE STATUS

☒ YES ☐ NO



MISSOURI DEPARTMENT OF NATURAL RESOURCES
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PART 70 OPERATING PERMIT COMPLIANCE AND MONITORING REPORT

PART 3 – DEVIATIONS FROM REQUIRED MONITORING

FIPS NO. 143	PLANT NO. 0008	INSTALLATION NAME Magnitude 7 Metals LLC
REPORT PERIOD START DATE 01/01/2019		REPORT PERIOD END DATE 06/30/2019

PERMIT CONDITION	POLLUTANT	MONITORED LEVEL	MONITORING METHOD	DEVIATION DESCRIPTION	DEVIATION DATE	DEVIATION DURATION	CAUSE OF DEVIATION	CORRECTIVE ACTION



MISSOURI DEPARTMENT OF NATURAL RESOURCES
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PART 70 OPERATING PERMIT COMPLIANCE AND MONITORING REPORT

PART 4 – DEVIATION REPORT SUMMARY

FIPS NO.

143

PLANT NO.

0008

INSTALLATION NAME

Magnitude 7 Metals LLC

REPORTING PERIOD

1 January 2019 through 30 June 2019

WERE THERE ANY OTHER MONITORING DEVIATION (EXCESS EMISSION) REPORTS SUBMITTED TO THE MISSOURI DEPARTMENT OF NATURAL RESOURCES - AIR POLLUTION CONTROL PROGRAM DURING THIS REPORTING PERIOD?

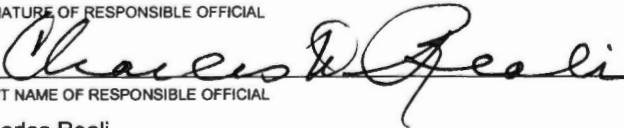
☐ YES ☒ NO (If yes, submit a copy of the report or complete the deviation report summary below.)

PERMIT CONDITION	REPORTING REQUIREMENT	DATE SUBMITTED



MISSOURI DEPARTMENT OF NATURAL RESOURCES
AIR POLLUTION CONTROL PROGRAM

PART 70 OPERATING PERMIT COMPLIANCE AND MONITORING REPORT

FIPS NO. 143		PLANT NO. 0008	
INSTALLATION NAME Magnitude 7 Metals LLC			
INSTALLATION LOCATION (STREET ADDRESS AND CITY) 391 St. Jude Industrial Park, P.O. Box 395, Marston, MO 63866			
OPERATING PERMIT NUMBER OP2001-033		DATE OPERATING PERMIT ISSUED 5/1/2001	
TYPE OF REPORT <input type="checkbox"/> Annual Compliance Certification <input checked="" type="checkbox"/> Semi-Annual Monitoring Report <input type="checkbox"/> Exceedance Report			
If Annual Compliance Certification, is the Annual Compliance Certification being submitted to also fulfill the reporting requirements for the Semi-Annual Monitoring Report? <input type="checkbox"/> YES <input type="checkbox"/> NO			
REPORTING PERIOD START DATE 01/01/2019		REPORTING PERIOD END DATE 06/30/2019	
RESPONSIBLE OFFICIAL			
Name		Charles Reali	
Title		CEO	
Mailing Address		P.O. Box 395 Marston, MO 63866	
Telephone Number with Area Code		573-643-0023	
Has the above information changed since the issuance of the operating permit? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
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PART 2 DEVIATION INQUIRY			
FIPS NO. 143		PLANT NO. 0008	
INSTALLATION NAME Magnitude 7 Metals LLC			

REPORTING PERIOD

1 January 2019 through 30 June 2019

1. PLANT-WIDE PERMIT CONDITIONS

Did the installation experience any deviations during the reporting period from the plant-wide permit conditions?

☐ YES ☒ NO

2. EMISSION UNIT PERMIT CONDITIONS

Did the installation experience any deviations during the reporting period from the emission unit permit conditions?

☐ YES ☒ NO

3. CORE PERMIT REQUIREMENTS

Did the installation experience any deviations during the reporting period from the core permit conditions?

☐ YES ☒ NO

4. GENERAL PERMIT REQUIREMENTS

Did the installation experience any deviations during the reporting period from the general permit conditions?

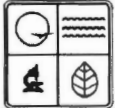
☐ YES ☒ NO

NOTE: If you checked "Yes" in any of the four deviation questions above, and the installation has not previously reported the deviations, the installation must complete Part 3 of the Compliance Certification and Monitoring Report Form.

5. CURRENT COMPLIANCE STATUS

Are you currently in compliance with all air pollution requirements?

☒ YES ☐ NO



MISSOURI DEPARTMENT OF NATURAL RESOURCES
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PART 70 OPERATING PERMIT COMPLIANCE AND MONITORING REPORT

PART 3 – DEVIATIONS FROM REQUIRED MONITORING

FIPS NO. 143	PLANT NO. 0008	INSTALLATION NAME Magnitude 7 Metals LLC
REPORT PERIOD START DATE 01/01/2019		REPORT PERIOD END DATE 06/30/2019

PERMIT CONDITION	POLLUTANT	MONITORED LEVEL	MONITORING METHOD	DEVIATION DESCRIPTION	DEVIATION DATE	DEVIATION DURATION	CAUSE OF DEVIATION	CORRECTIVE ACTION



MISSOURI DEPARTMENT OF NATURAL RESOURCES
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PART 70 OPERATING PERMIT COMPLIANCE AND MONITORING REPORT

PART 4 – DEVIATION REPORT SUMMARY

FIPS NO.

143

PLANT NO.

0008

INSTALLATION NAME

Magnitude 7 Metals LLC

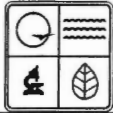
REPORTING PERIOD

1 January 2019 through 30 June 2019

WERE THERE ANY OTHER MONITORING DEVIATION (EXCESS EMISSION) REPORTS SUBMITTED TO THE MISSOURI DEPARTMENT OF NATURAL RESOURCES - AIR POLLUTION CONTROL PROGRAM DURING THIS REPORTING PERIOD?

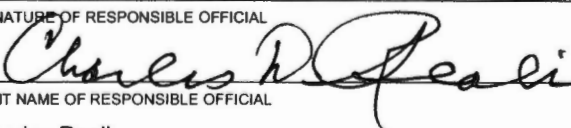
☐ YES ☒ NO (If yes, submit a copy of the report or complete the deviation report summary below.)

PERMIT CONDITION	REPORTING REQUIREMENT	DATE SUBMITTED



MISSOURI DEPARTMENT OF NATURAL RESOURCES
AIR POLLUTION CONTROL PROGRAM

PART 70 OPERATING PERMIT COMPLIANCE AND MONITORING REPORT

FIPS NO. 143		PLANT NO. 0008	
INSTALLATION NAME Magnitude 7 Metals LLC			
INSTALLATION LOCATION (STREET ADDRESS AND CITY) 391 St. Jude Industrial Park, P.O. Box 395, Marston, MO 63866			
OPERATING PERMIT NUMBER OP2001-062		DATE OPERATING PERMIT ISSUED 7/23/2001	
TYPE OF REPORT <input type="checkbox"/> Annual Compliance Certification <input checked="" type="checkbox"/> Semi-Annual Monitoring Report <input type="checkbox"/> Exceedance Report			
If Annual Compliance Certification, is the Annual Compliance Certification being submitted to also fulfill the reporting requirements for the Semi-Annual Monitoring Report? <input type="checkbox"/> YES <input type="checkbox"/> NO			
REPORTING PERIOD START DATE 01/01/2019		REPORTING PERIOD END DATE 06/30/2019	
RESPONSIBLE OFFICIAL			
Name	Charles Reali		PERMIT CONTACT PERSON
Title	CEO		Don Backfisch
Mailing Address	P.O. Box 395 Marston, MO 63866		P.O. Box 395 Marston, MO 63866
Telephone Number with Area Code	573-643-0023		573-643-0023
Has the above information changed since the issuance of the operating permit? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
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PART 2 DEVIATION INQUIRY			
FIPS NO. 143		PLANT NO. 0008	
INSTALLATION NAME Magnitude 7 Metals LLC			

REPORTING PERIOD

1 January 2019 through 30 June 2019

1. PLANT-WIDE PERMIT CONDITIONS

Did the installation experience any deviations during the reporting period from the plant-wide permit conditions?

☐ YES ☒ NO**2. EMISSION UNIT PERMIT CONDITIONS**

Did the installation experience any deviations during the reporting period from the emission unit permit conditions?

☐ YES ☒ NO**3. CORE PERMIT REQUIREMENTS**

Did the installation experience any deviations during the reporting period from the core permit conditions?

☐ YES ☒ NO**4. GENERAL PERMIT REQUIREMENTS**

Did the installation experience any deviations during the reporting period from the general permit conditions?

☐ YES ☒ NO

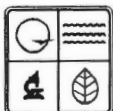
NOTE: If you checked "Yes" in any of the four deviation questions above, and the installation has not previously reported the deviations, the installation must complete Part 3 of the Compliance Certification and Monitoring Report Form.

5. CURRENT COMPLIANCE STATUS

Are you currently in compliance with all air pollution requirements?

☐ YES ☒ NO

The testing required by permit conditions EU1970-004 through EU2050-004 were not completed during the first half of 2019. Testing is scheduled to complete the requirements by the end of 2019. The delayed testing was caused by equipment related issues affecting the "normal" operation of the facility.



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REPORT PERIOD START DATE 01/01/2019		REPORT PERIOD END DATE 06/30/2019

PERMIT CONDITION	POLLUTANT	MONITORED LEVEL	MONITORING METHOD	DEVIATION DESCRIPTION	DEVIATION DATE	DEVIATION DURATION	CAUSE OF DEVIATION	CORRECTIVE ACTION

PART 70 OPERATING PERMIT COMPLIANCE AND MONITORING REPORT

PART 4 – DEVIATION REPORT SUMMARY

FIPS NO.	PLANT NO.
143	0008

INSTALLATION NAME
Magnitude 7 Metals LLC

REPORTING PERIOD

1 January 2019 through 30 June 2019

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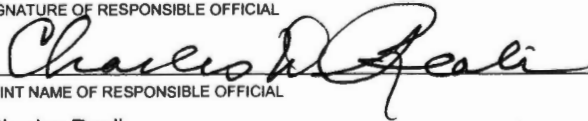
☐ YES ☒ NO (If yes, submit a copy of the report or complete the deviation report summary below.)

[illegible]



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AIR POLLUTION CONTROL PROGRAM

PART 70 OPERATING PERMIT COMPLIANCE AND MONITORING REPORT

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INSTALLATION NAME Magnitude 7 Metals LLC			
INSTALLATION LOCATION (STREET ADDRESS AND CITY) 391 St. Jude Industrial Park, P.O. Box 395, Marston, MO 63866			
OPERATING PERMIT NUMBER OP2001-066		DATE OPERATING PERMIT ISSUED 7/29/2001	
TYPE OF REPORT <input type="checkbox"/> Annual Compliance Certification <input checked="" type="checkbox"/> Semi-Annual Monitoring Report <input type="checkbox"/> Exceedance Report			
If Annual Compliance Certification, is the Annual Compliance Certification being submitted to also fulfill the reporting requirements for the Semi-Annual Monitoring Report? <input type="checkbox"/> YES <input type="checkbox"/> NO			
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Title	CEO		Environmental Director
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PART 2 DEVIATION INQUIRY			
FIPS NO. 143		PLANT NO. 0008	
INSTALLATION NAME Magnitude 7 Metals LLC			

REPORTING PERIOD

1 January 2019 through 30 June 2019

1. PLANT-WIDE PERMIT CONDITIONS

Did the installation experience any deviations during the reporting period from the plant-wide permit conditions?

☐ YES ☒ NO**2. EMISSION UNIT PERMIT CONDITIONS**

Did the installation experience any deviations during the reporting period from the emission unit permit conditions?

☐ YES ☒ NO**3. CORE PERMIT REQUIREMENTS**

Did the installation experience any deviations during the reporting period from the core permit conditions?

☐ YES ☒ NO**4. GENERAL PERMIT REQUIREMENTS**

Did the installation experience any deviations during the reporting period from the general permit conditions?

☐ YES ☒ NO

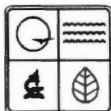
NOTE: If you checked "Yes" in any of the four deviation questions above, and the installation has not previously reported the deviations, the installation must complete Part 3 of the Compliance Certification and Monitoring Report Form.

5. CURRENT COMPLIANCE STATUS

Are you currently in compliance with all air pollution requirements?

☐ YES ☒ NO

The testing required by permit conditions EU4710-003 through EU4870-003 has not been completed. The units covered under Permit OP2001-066 are not in operation at this time and cannot be tested until they are restarted. The testing will be done as soon as practicable after they are on-line.



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PART 3 – DEVIATIONS FROM REQUIRED MONITORING

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REPORT PERIOD START DATE 01/01/2019		REPORT PERIOD END DATE 06/30/2019

PERMIT CONDITION	POLLUTANT	MONITORED LEVEL	MONITORING METHOD	DEVIATION DESCRIPTION	DEVIATION DATE	DEVIATION DURATION	CAUSE OF DEVIATION	CORRECTIVE ACTION



FIPS NO. 143	PLANT NO. 0008
INSTALLATION NAME Magnitude 7 Metals LLC	
REPORTING PERIOD 1 January 2019 through 30 June 2019	
WERE THERE ANY OTHER MONITORING DEVIATION (EXCESS EMISSION) REPORTS SUBMITTED TO THE MISSOURI DEPARTMENT OF NATURAL RESOURCES - AIR POLLUTION CONTROL PROGRAM DURING THIS REPORTING PERIOD? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (If yes, submit a copy of the report or complete the deviation report summary below.)	

[illegible]